

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Ali Afzali-Ardakni et al.

Serial No.: 10/642,615

Group Art Unit: 1743

Filed: August 19, 2003

Examiner: Yelena G. Gakh

**For: MOLECULAR MANIPULATOR, A METHOD OF MAKING
THE SAME, AND A METHOD OF MOVING A
NANOSTRUCTURE**

DECLARATION UNDER 37 C.F.R. § 1.132

Sir:

I, Libor Vyklicky, hereby declare and state:

THAT I am a citizen of the Czech Republic;

THAT I reside at Yorktown Heights, United States of America;

THAT I graduated from Columbia University, New York City, New York,
United States of America;

THAT I received a Doctorate Degree (Ph. D.) in Organic Chemistry;

THAT I am familiar with the Office Action dated April 30, 2008, where the
Examiner asserted that the claimed invention of claims 1, 3, 4, 11-13, and 15-18
were not enabled by the originally filed Specification;

THAT I am a person of ordinary skill in the art in the field of organic synthesis and the synthesis of light sensitive compounds as recited in the claimed invention;

With respect to the Examiner's rejection of claims 1, 3, 4, 11-13, and 15-18, I submit that the synthesis of light sensitive compounds including azo double bonds, as recited in the claimed invention and disclosed in, for example, Figures 1A and 1B of the above-identified application, is well-known and within the level of one of ordinary skill in the art.

That is, the synthesis of aryl-substituted azo compounds is a well documented and understood subject and is widely used for the synthesis of various dyes. Furthermore, the preparation of sulfur containing molecules is also a well documented and understood subject.


Moreover, with respect to the Examiners' rejection of claims 1, 3, 4, 11-13, and 15-18, I submit that one of ordinary skill in the art would have been able to form a molecular manipulator (as illustrated in Figures 2 and 3 of the Application) and to use the molecular manipulator (as illustrated in Figure 4 of the Application) in view of the disclosure of the Specification, without undue experimentation. That is, the degree of necessary experimentation to make and use the claimed invention is within the level of ordinary skill in the art;

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true;

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and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 8/7/08


Mr. ~~Mr.~~ Vyklicky